



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Takashi SHIMIZU et al.

Title: CIRCUIT SIMULATION APPARATUS INCORPORATING
DIFFUSION LENGTH DEPENDENCE OF TRANSISTORS AND
METHOD FOR CREATING TRANSISTOR MODEL

Appl. No.: Unassigned

Filing Date: September 24, 2003

Examiner: Unassigned

Art Unit: Unassigned

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takashi SHIMIZU
Hironori SAKAMOTO

Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76) (3 pages).
- [X] Specification, Claim(s), and Abstract (24 pages).
- [X] Formal drawings (7 sheets, Figures 1, 2A, 2B, 3-5, 6A, 6B, 6C, 7A, 7B, 7C).
- [X] Declaration and Power of Attorney (2 pages).
- [X] Assignment of the invention to NEC Electronics Corporation.
- [X] Assignment Recordation Cover Sheet.
- [X] Claim for Convention Priority and Priority Document.
- [X] Information Disclosure Statement (2 pages).

☒ Form PTO/SB/08 with copies of 3 listed references.

The filing fee is calculated below:

| | Claims as Filed | | Included in Basic Fee | | Extra Claims | | Rate | | Fee Totals |
|---|--------------------|---|-----------------------------|---|-----------------|---|-------------------|---|---------------|
| Basic Fee | | | | | | | \$750.00 | | \$750.00 |
| Total | 12 | - | 20 | = | 0 | x | \$18.00 | = | \$0.00 |
| Claims: | | | | | | | | | |
| Independent | 2 | - | 3 | = | 0 | x | \$84.00 | = | \$0.00 |
| ents: | | | | | | | | | |
| If any Multiple Dependent Claim(s) present: | | | | | | + | \$280.00 | = | \$0.00 |
| | | | | | | | SUBTOTAL: | = | \$750.00 |
| <input type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above): | | | | | | | | = | \$0.00 |
| | | | | | | | TOTAL FILING FEE: | = | \$750.00 |
| Assignment Recordation Fee: | | | | | | + | \$40.00 | = | \$40.00 |
| | | | | | | | TOTAL FEE | = | \$790.00 |

- ☒ A check in the amount of \$790.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: September 24, 2003

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